

ITEM: 23

SUBJECT: Uncontested Waste Discharge Requirements

REPORT: Following are the proposed waste discharge requirements that prohibit discharge to surface waters. All agencies and the dischargers concur or have offered no comments. Items indicated as updates on the summary agenda make the requirements consistent with current plans and policies of the Board.

a	<p><b>California Department of Transportation, State Route 4, 0.61 Mile West of “A” Street Undercrossing to 0.10 Mile East of Hillcrest Avenue in Antioch, Contra Costa County</b></p> <p>The California Department of Transportation (Caltrans) proposes to discharge lead-contaminated soil at a highway construction project along State Route 4 in Antioch that is generated from excavation of soil at the project site. The California Department of Toxic Substances Control issued a variance for these types of Caltrans projects on 1 July 2009. The waivers in the variance are for lead-contaminated soil that is not a RCRA hazardous waste, and is hazardous primarily because of aerially-deposited lead associated with exhaust emissions. The variance requires that the soil be covered with at least one foot of non-hazardous soil or be placed below a pavement structure, depending on total and extractable concentrations. Approximately 22,300 cubic yards of soil are expected to need to be managed in accordance with the variance which would require it be buried below one foot of clean soil due to concentrations below what would require it be buried below a pavement structure. Caltrans proposes to bury the soil beneath a pavement structure consisting of concrete and aggregate base along the mainline and shoulder areas. The waiver requires that Caltrans maintain that portion right-of-way to minimize exposure of the lead-contaminated soils to waters of the State by erosion, percolation, or other means, and that they submit a report to the Central Valley Water Board documenting the volume of lead-contaminated soil, location, and type of burial following the completion of the project. (WLB)</p>
b	<p><b>Woodville Municipal Solid Waste Landfill, Class III Landfill, Tulare County</b></p> <p>The County of Tulare (Discharger) owns and operates the Woodville Landfill which contains one 57-acre unlined Class III waste management unit (Unit) and one 8-acre composite-lined Class III Unit. The facility, which disposes of municipal solid waste, is currently regulated by Waste Discharge Requirements Order R5-2005-0102 (Order R5-2005-0102). The Discharger proposes to construct a 66.4-acre expansion Class III Unit with an engineered alternative composite liner system south of and contiguous with, the existing unlined Unit. Additionally, the Discharger proposes to close all three Units with an engineered alternative final cover. The facility is about 4 miles northwest of Woodville at the intersection of Road 152 and Avenue 200. Surface drainage is toward Elk Bayou, which is a tributary to the Tule River in the Kaweah Delta Hydrologic Area (558.10) of the Tulare Lake Hydrologic Basin Planning Area.</p> <p>The existing unlined Unit has released volatile organic compounds (VOCs) and bicarbonate to groundwater at concentrations exceeding their respective background concentrations. The Discharger has completed an evaluation monitoring program</p>

	<p>and submitted an engineering feasibility study for a corrective action program. The cleanup of VOCs and bicarbonate is currently regulated by Cleanup and Abatement Order 98-706 (Order 98-706).</p> <p>Order R5-2005-0102 is being revised for construction of an engineered alternative composite-lined expansion Unit, closure and postclosure maintenance of the existing and proposed expansion Units, and to implement a corrective action program. Order 98-706 is being rescinded. (VSM)</p>
c	<p><b>Golden State Vintners, Inc., Fresno Winery, Fresno County</b></p> <p>Golden State Vintners, Inc. operates a Winery at south west of Fresno. The Winery operates year-round and produces bulk wine for sale. The Winery does not distill or discharge stillage waste. In May 2007, the Discharger submitted a Report of Waste Discharge to address increased discharge flows.</p> <p>Process wastewater is comprised of ion exchange waste, cooling water, tank and equipment wash water, and boiler blowdown. Sampling data show that the discharge contains high concentrations of Biochemical Oxygen Demand (BOD), nitrogen, and dissolved solids during the crush season, and relatively minor concentrations of these constituents during the rest of the year. Wastewater is screened and then discharged directly into the irrigation system. The proposed requirements authorize discharge of wastewater blended with irrigation water to irrigate a 900-acre wine grape vineyard. (KC)</p>
d	<p><b>United States Army Corps of Engineers and Port of Stockton, Stockton Deep Water Ship Channel Maintenance Dredging Activities Channel Mile 0.0 to 41.0, Contra Costa, Sacramento and San Joaquin County</b></p> <p>The proposed amendment clarifies the existing General Order R5-2004-0061 (Order) to authorize the direct reuse of inert dredge material from maintenance dredging operations in the Stockton Deep Water Ship Channel at sites approved by the Central Valley Regional Water Quality Control Board.</p> <p>The existing Order authorizes reuse of dredged material at any approved site after initial placement.</p> <p>Discharge Specification C.1 of the Order authorizes both initial placement of dredged material at sites identified in the Order, as well as placement to any DMD sites "approved for accepting dredge material." The proposed amendment clarifies the language in the Order to be consistent with this discharge specification.</p> <p>All agencies and the dischargers concur or have offered no comments.</p>
e	<p><b>Sutter Home Winery, Sutter Home Winery Westside Facility, San Joaquin County</b></p> <p>WDRs Order R5-2009-0073 regulates the treatment and land application of winery wastewater. Wastewater is treated in two lined aeration ponds. Treated wastewater is land applied to approximately 186 acres of land application areas, which are, cropped with turf grass, corn, or vineyards. The WDRs regulate allow a monthly</p>

	<p>maximum discharge of 3.8 million gallons and an annual maximum discharge of 30 million gallons of wastewater.</p> <p>The Discharger has requested an increase to the monthly flow limit from 3.8 Mgal to 7.0 Mgal. In addition, the Discharger requested an increase in the fixed dissolved solids (FDS) effluent limit from 1,100 mg/L to 1,500 mg/L as an annual average, and removal of the daily and monthly average FDS effluent limits.</p> <p>No physical changes to the facility or increase in the total annual flow are proposed. Treatment and control measures are currently in place, including source control measures for salt and nitrogen. The treatment and disposal system has sufficient capacity to accommodate the changed flow limit.</p>
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RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

2/3 August 2012

Central Valley Regional Water Quality Control Board meeting  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670